

Amendments to the Specification

Please replace the paragraph beginning at page 8, line 28, with the following rewritten paragraph:

Figure 6 illustrates one embodiment of the thermoelectric power source comprising multiple p-type thermoelements in parallel with each other and connected in series with a single n-type thermoelement. It will be recognized by those skilled in the art that other embodiments may include multiple n-type thermoelements in parallel with each other and in series with a single p-type thermoelement, or alternatively multiple n-type thermoelements in parallel with each other and in series with multiple p-type thermoelements. These and other embodiments would fall within the spirit and scope of the present disclosure. As shown in Figure 6, an embodiment of the disclosed n-type and p-type TE thin films deposited on a flexible substrate wherein the n-type and p-type TE thin films are connected in a series-parallel arrangement. In certain embodiments, two or more p-type thermoelements are positioned and electrically connected in parallel with one another and in series to n-type thermoelements. In other embodiments, two or more n-type thermoelements are positioned and electrically connected in parallel with one another and in series to p-type thermoelements. In other embodiments, multiple thermocouples are electrically connected to one another in series or in series-parallel. In such embodiments, the p-type thermoelements of the thermocouples may have different widths as compared to the n-type thermoelements.